

19981004.qrp v01_n234.qrs.981004

Date: Sun, 4 Oct 1998 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1234

QRP-L Digest 1234

Topics covered in this issue include:

- 1) [21438] Low Power Communications Vols 1 - 3
by k7sz@epix.net
- 2) [21439] 9850 DDS VFO w/PIC16C84
by "George Heron" <gheron@idt.net>
- 3) [21440] More to do with Juno(long)
by ka7you@juno.com
- 4) [21441]
by ku5m@juno.com (Joe E Eder)
- 5) [21442] Need Canadian Freq Allocation? / 20M QRP SSB Net
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 6) [21443] FMLA: Following Frank
by mnhopkins@juno.com (Michael N Hopkins)
- 7) [21444] Re: 40 mtr Fox Hunt Teams (fwd)
by we6w@juno.com (Ed Loranger)
- 8) [21445] THANKS GUY'S MY HT LIVES !!!!!!!
by RangerSF5@aol.com
- 9) [21446] All Dressed up and Nowhere to go :(
by we6w@juno.com (Ed Loranger)
- 10) [21447] Re: picture or drawing of a toroidal inductor?
by "David Ek" <ekdave@earthlink.net>
- 11) [21448] Pixie II question
by ka7you@juno.com
- 12) [21449] QRP Books Vols-1-3 ALL GONE!!!
by k7sz@epix.net
- 13) [21450] Re: Low Power Communications Vols 1 - 3
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 14) [21451] October NW QRP Club Meeting
by "Bill Todd" <bill@willapabay.org>
- 15) [21452] FOX
by flydnq7x@primenet.com (Floyd Smithberg)
- 16) [21453] Re: KEY COMPARISONS
by Jay & Jackie <jayboy@psnw.com>
- 17) [21454] KEY CONTACTS
by marion@montana.com
- 18) [21455] Re: FOX
by Roger Hightower <n7kt@earthlink.net>
- 19) [21456] Re: FOX

by Niels Jensen Kristjansson <nkristja@cadvision.com>
20) [21457] ATLAS 210x noise blanker!
by Niels Jensen Kristjansson <nkristja@cadvision.com>
21) [21458] Re: FOX
by "Michael Connor" <mikec@primenet.com>
22) [21459] FS: FT-757
by Niel Skousen <skousen@srv.net>
23) [21460] FOX: You got questions? I got answers.
by "Paul R. Valko" <prvalko@oakland.edu>
24) [21461] Fox: Contest? =OR= A rose by any other name?
by "Paul R. Valko" <prvalko@oakland.edu>
25) [21462] RE: PIXIE II problems
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
26) [21463] EEPOTs (Digital Potentiometers)
by Tracy@bytemark.com (Tracy)
27) [21464] Re: Radio Shack DX394 For Sale
by "Roy Lincoln" <wa4dou@mailexcite.com>
28) [21465] Re: KEY CONTACTS
by Jay & Jackie <jayboy@psnw.com>
29) [21466] Re: FOX: You got questions? I got answers.
by Vic Rosenthal <rakefet@rakefet.com>
30) [21467] Re: FOX: You got questions? I got answers.
by "Paul R. Valko" <prvalko@oakland.edu>
31) [21468] re: More on PICs
by "George Heron" <gheron@idt.net>
32) [21469] Re: KEY CONTACTS
by marion@montana.com
33) [21470] RE: KEY CONTACTS
by Denton Bramwell W7DB <Denton@Bramwell.Org>
34) [21471] Logic 5 QRP ARCI Contest Form?
by "Tim Cook" <timcook@erinet.com>
35) [21472] Re: FOX:
by flydnq7x@primenet.com (Floyd Smithberg)
36) [21473] TenTec Century 21 hum
by MJC191@aol.com
37) [21474] Re: FOX
by Wayne Alexander <walexan@ipa.net>
38) [21475] Re: Home Brew Keys,
by nhoop@centuryinter.net (N H)
39) [21476] Re: FOX:
by "Paul R. Valko" <prvalko@oakland.edu>
40) [21477] INFO please: FT-301D
by n5inz@juno.com (John M Andrews)
41) [21478] non-qrp\Toshiba T-1200
by n5inz@juno.com (John M Andrews)
42) [21479] Ergonomic tip-
by n5inz@juno.com (John M Andrews)
43) [21480] RE: Home Brew Keys,

- by Denton Bramwell W7DB <Denton@Bramwell.Org>
- 44) [21481] Parks Near Wooster, Ohio to Operate ARCI Contest From?
by "Brian J Keegan" <brimail@home.com>
- 45) [21482] Help working the EZ Sats (Low orbit birds)
by Kelly Ellison {WB0WQS} <kelman@dialnet.net>
- 46) [21483] Hotel ants help
by "James A. Carmody" <carmodyjim@earthlink.net>
- 47) [21484] fox TEAMS
by marion@montana.com
- 48) [21485] FOX Names
by flydnq7x@primenet.com (Floyd Smithberg)
- 49) [21486] Pixie audio question results
by ka7you@juno.com

Date: Sat, 03 Oct 1998 20:18:21 -0700
From: k7sz@epix.net
To: qrp-1@Lehigh.EDU
Subject: [21438] Low Power Communications Vols 1 - 3
Message-ID: <3616E8FD.6C04@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

All the orders that have arrived here have been processed. Those of you who sent in money and had to wait...your books are in your hands by now or they are in transit and will be there shortly.

Many thanks to all who responded. My little experience with book publishing (to fill all the orders that arrived) was "enlightening" to say the least.

Due to the fact that two people pulled out at the last moment and a printer overrun, I have 5 complete sets of books still available. If anyone would like a set of all three volumes (no, I won't split them up) e-mail me privately for a special price....NO OVERSEAS OR CANADIAN ORDERS due to problems with currency exchange rate and high costs of shipping.

Again, thank you all who participated in this "last hurrah". And, for those of you who just can't get enough....there is a project on the horizon that I think you will all enjoy.

73 Rich K7SZ

Date: Sat, 3 Oct 1998 20:49:13 -0400
From: "George Heron" <gheron@idt.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21439] 9850 DDS VFO w/PIC16C84
Message-ID: <014301bdef30\$d1033940\$823984a9@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently adapted the Curtis Preuss, WB2V "9850 DDS VFO" project (QEX July 1997) software to work with the PIC16C84 instead of the PIC1654 used in the article. Use of the 16C84 brings a couple of advantages for homebrewers wishing to more easily use Curtis' project as a springboard on to other useful projects in the QRP shack.

The porting was relatively straightforward and new software can be viewed/downloaded from the NJ-QRP Club website (<http://www.njqrp.org/mbrproj/9850dds.html>) for those interested. Some background and block diagrams are also provided there.

Thanks to WB2V for an excellent starter project!

72/73,
--George Heron, N2APB
 n2apb@amsat.org in Sparta, NJ

Date: Sat, 03 Oct 1998 21:08:40 EDT
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [21440] More to do with Juno(long)
Message-ID: <19981003.172204.6831.0.ka7you@juno.com>

Well I had to run Chkdsk on my desktop to try to find out what was happening to all my QRP-L files. It suggested I run Scandisk, so I proceeded.

I found many crosslinked files, and corrupted files, but only for "USER 0000" - that's me! The kids files were all OK.

Scandisk warned me about many possible problems, but I was not prepared to find, upon loading Juno, that I was now a "New User" on this computer.

I had to import my account, and reload my modem configuration!

Now comes the arduous task of trying to find the messages relating to the last few days correspondence, and getting my address book back. Does anyone have an idea of where the address book is stored? I've run across it before, so I know it is recognizable if I find it again. I've pretty much given up on most of the older stuff for a while.

I've had a couple of power failures here at the house recently, during the night, while Juno was up and running. It was just after that, when I discovered the severity of the problem.

I was in the habit of reading my mail, and responding just before going to bed. I would upload my messages, and leave the computer running Juno, when I went to sleep. I think that was a poor idea! I will start shutting down the program before retiring for the night.

Hopefully I am back in business again-

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

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Date: Sat, 3 Oct 1998 20:17:55 -0500
From: ku5m@juno.com (Joe E Eder)
To: qrp-l@Lehigh.EDU
Message-ID: <19981003.201756.11222.4.KU5M@juno.com>

Matthew --

I used the low power pot to reduce the minmum RF Power setting to transmit at 5W.
I've been told you need to touch up the high power pot to bring the maximum RF
Power setting back to 100 W out. Without doing so, my 730 puts out about 85W.
That's enough for me. (but don't ask about the time I forgot to reduct the power during a
QRP contest . . . ;<)

72 es 73, Joe -- KU5M . . (Bartlesville, OK 74006)

On Sat, 3 Oct 1998 11:16:16 EDT MKBalvanz@aol.com writes:

>Hi gang!

>

>I saw a post recently that caught my eye. It seems that the TS 50 can be adjusted to qrp levels by turning a pot on the board. That got me thinking, I wonder if my IC-730 works the same way. ...

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Date: Sat, 3 Oct 1998 21:17:30 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21442] Need Canadian Freq Allocation? / 20M QRP SSB Net
Message-ID: <199810040117.VAA27998@pimout2-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

Thanks to everyone who has expressed an interest in starting a 20M QRP SSB Net.

Can someone please tell me frequency allocation in the 20M band for SSB? I want to find a freq in the General portion that's not too crowded (wish me luck) that will work in Canada as well. Thinking that 14.285 +/- can be a good start since it's the QRP freq on 20M.

Is there a website offering all freq allocations among all countries?

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Sat, 3 Oct 1998 20:24:41 -0700
From: mnhopkins@juno.com (Michael N Hopkins)
To: Boatanchors@theporch.com, Glowbugs@piobaire.mines.uidaho.edu, QRP-L@Lehigh.EDU

Subject: [21443] FMLA: Following Frank
Message-ID: <19981003.202454.-67359.2.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I followed Frank, feeling justified in the fact that he slipped in and out of my basement workshop uninvited and un-noticed by my would-be watchcreatures.

He led me to the Barrio where his pre-Eisenhower plates drew no comment on streets named for heroes of 1911. Down Obregon Avenue, past Caranza Circle and Emil's Shoe Repair we drove 'till we reached Joad's RV Rest and Frank turned in with a nod to a fellow sitting in a surplus toll booth. "Morning Tom," I heard Frank say thru the Frazier's open window. I turned in too but was surrounded by Mormons.

At least they looked like Mormons. Clean cut young men in white shirts on bicycles were as out of place here amid hombres of ambiguous ancestry as I in my foreign sedan among the zero-ground-clearance land yachts. But instead of tracts these youths brandished tommy guns, pistols really: an Uzi and what formalists call an Ingram but what the world knows as a Mac 10 when, as now, it has a credit card inserted in the top to defeat the sear.

"Frank invites his guests," said the one, but his voice trailed off at the last and he added: "Hey, Sir, weren't you you at Operation Overleap?" I then recognized one of Frank's friends from a "field day" operation I once attended. He was one of the "W.A.R." group that helps Frank in his quest to take back 56-60 mc when the FCC moves TV up, but today he lacked his jackboots and was, happily, putting the machine pistol back in a suitcase on his Schwinn. "I'll take him in," he told the other, and I followed him down several rows to a vintage Airflow where Frank greeted me as if I were expected. As he stroked a peculiar-looking Siamese-like cat, I speculated that the ever-present Archer Space Patrol handy talkies had heralded my arrival. "Shoo, Zack," said Frank as he dropped the feline to shake hands and I reflected that only Frank would name a pet after Gen. Zachary Taylor, hero of the Mexican War, in a neighborhood undistinguishable from Matamores.

The cat jumped to the lap of the WARmon who took metal lawnchair as Frank conducted me inside. It began a low purr that approximated Frank's top-condenser refrigerator, and started pseudo-nursing the WARmon's white shirt as Frank introduced me to a departing woman of striking appearance. "This is Ayn Tagert-Tamez," said Frank of the tallish but mildly Mexican looking woman who was folding up a leather set of computer tools. "She is a member of Progressives Organizing to Combat Hispano-Orthodoxy," he

explained, and said that they want to start an all-English Spanish TV network on one of the lower frequencies. Having common goals with Frank, they keep up his website.

"Thirty -six hits since we moved it," she said. "Same password," she added as she nodded to me and stepped out of the trailer where the WARmon stood, sending Zack reeling, and said "Miss" as she passed. "Puto," she answered curtly as she slipped into a vintage 'Vette the side of which was tastefully lettered "Chicana Power" below the factory badge reading "427." It took the four of us a minute to get over her, but Zack soon hopped back in the WARmon's lap and Frank showed me his shack, not wanting to discuss the rack of computer equipment next to it.

Frank is all homebrew. His receiver is unshielded outside, but built around a central square of aluminium that houses a Velvet Venier dial thru the front panel and some tubes I did not recognize jutting horizontally on both sides of the box where coils also plug in. The transmitter is a multi-stage affair on a piece of particle board. The tubes are vertical here, and the bench was littered with brown Hammarlund coils labeled 5, 10, 20, and 80. The 40M coils were in place and Frank worked a few stations at dizzying speed with a J-38. He never used the same call twice, and when he offered me a turn, I declined. The only transformer in the place was on a small screen modulator attached to a pair of TH-100s labeled "PA" in the rack below the new-as-tomorrow computer. He seemed to be taking all his DC off the three-wire service line that entered thru a large piece of plastic DWV pipe and where, in turn, a run of fiberoptic snaked out and disappeared along a railroad right of way. I eased toward the back of the trailer, but Frank ignored the hint and suggested lunch.

As we took our leave the WARmon resumed his post at the gate and Zack began burrowing a small hole in a sack of Vital Varmint Dog Food. I never saw a canine. Frank drove to a place called Pancho's Villa where he was well known and greeted with cries of "Vato!" I agonized with the menu's contorted Tex Mex, but Frank ordered menudo, rice and beans like a native. Indeed, in this environment his double-breasted suit did not seem so out of place, and when he parked, the Frazier drew a cadre of youths saying "Looks Sharp" and "How High will it jump/"

"These are good people," said Frank, "and they recognize the value of improvisation." "They are not like modern hams who cannot homebrew a CPO without a PC board," he continued and, once again, he warned that when, as he says, "the balloon goes up" a lot of "KA this(s) and Vanity that(s)" won't be in those chosen to retake 5 Meters. On a more personal note he said my efforts at converting an old SCR-522 receiver were a good start and, when we left and said goodbye at the Airflow, he procured from a plastic storage case under the napping Zack a Standard Coil tuner from a TV set long departed. "The old VHF Handbooks show how to make these

into a converter," he said, "See what you can do with it."

I reflected on the way home that while Frank is truly a nut, he is also like the hams I knew when I was a kid. Those were guys who could "fix a radio" as the neighbors said, and we are something else. Toying with the tuner, I found a note from Frank inside. "Don't change the Channel 2 part," It read.

73 de ab5L, michael in Dallas, student of Six Meters' Golden Age,
1957-58,
and two of its jewels: Tecraft and International Crystal ham products.
Michael N. Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@Juno.com

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Date: Sat, 03 Oct 1998 22:01:37 EDT
From: we6w@juno.com (Ed Loranger)
To: rattray@gpfn.sk.ca
Cc: qrp-l@lehigh.edu
Subject: [21444] Re: 40 mtr Fox Hunt Teams (fwd)
Message-ID: <19981003.190223.7583.8.we6w@juno.com>

Bruce, I had mistypes my original post.

Tom/WB5QYT is the corrected CALL. Darn Ergonomic
Keyboard!

So change WB0QYT to WB5QYT for our fox team -- Vibro-Fox Finders.

Thanks. -Ed L. Vibro-Fox Finders.
Hmmm, don't see any Straight key teams formed yet.... hmmm
MaBI der r-nt n-e :) RDRR

On Sat, 3 Oct 1998 09:21:17 -0600 (CST) Bruce Rattray
<rattray@gpfn.sk.ca> writes:

>
>....here's the latest info re the Teams as of Saturday morning...72
>Bruce

>(VE5RC+VE5QRP) QRP-L#886 qrp-c#1
>
>(1) - Vibro-Fox Finders -
- Ed - WE6W
- Bill - N7MFB
- Ron - KU7Y >> got ur banjo ready Ron? <<
>:-)
- Tom - WB0QYT
OOPS!!^^WB5QYT^^
- Vic - K2VCO
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

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Date: Sat, 3 Oct 1998 22:31:31 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [21445] THANKS GUY'S MY HT LIVES !!!!!
Message-ID: <956bb68.3616de03@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I want to thank all the guy's who responded to my RS HT problem.
I held the function button and thr *D* button,turned it on and it came back to
life.
I really thought the CPU went out of it but I knew if I made the post I would
get the right answer.
Again thanks for all the help from all 22 who responded.
Bob
WA2HOQ

Date: Sat, 03 Oct 1998 22:58:19 EDT
From: we6w@juno.com (Ed Loranger)
To: qrp-l@Lehigh.EDU
Subject: [21446] All Dressed up and Nowhere to go :(
Message-ID: <19981003.195549.2103.1.we6w@juno.com>

Gang, woe is me...

The day started out GREAT! Set up at the Horseshoe Pitching club. Had a great tournament and I ended up running the stats booth/computer again with no chance of playing. Then a guy dropped out and I got to play in the afternoon group as a pacer. Threw some big games too.

At 9:00 AM I began my turn as Net Control for WSN-40. The OHR-100 at 3 Watts to my 18 foot high inverted Vee set up moments earlier worked great. Good copy all around. The worst report was a 459 due to SSB. We had a great time.

Then I packed it all away, 5 gal. bucket filled with OHR-100, BUG, Antenna, Tuner, Wattmeter, logbook etc. Fold-up table and car battery. BTW: the 5 gal. bucket is great for park trips, it is also a chair!

XYL showed up later and I loaded up the wagon. Here's where it goes haywire!

I got corralled into substitute pitch. XYL left and I arranged for a different ride home. My Oldest needs the car for work...

So here it is 7:30 PM, all ready to play radio agn so I walk outside and, uh, attempt to unload my gear.... uh, dear, where is the car, um, Dear, DEAR! she:"AAAAH, Chris is at work."

DOES HE LOCK THE CAR???? Hmmmmmm.

My fingers are crossed. My Les Logan Bug is in there! Tuner. Wattmeter. OHR-100.

And I can't hook up my Drake w/o the balanced tuner to the ladderline.

Oh woe is me.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 3 Oct 1998 21:01:06 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [21447] Re: picture or drawing of a toroidal inductor?
Message-ID: <001101bdef43\$3b8d3880\$46ac85ce@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Two folks have provided me with what I needed. Tnx again, guys.

72 de Dave AB0GO

Date: Sat, 03 Oct 1998 23:01:26 EDT
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [21448] Pixie II question
Message-ID: <19981003.191448.6831.3.ka7you@juno.com>

I have constructed a Pixie II on an etched circuit board, am I am having difficulty with the audio. I am getting lots of motorboating. I built one earlier, via the UGLY route, and it works fine, but was very large by comparison. Both seem to put out about the same power on transmit-200mw.

I've swapped out all the caps around the LM386, and checked the polarity. I've also traded the '386's from one unit to the other. Unless I've got a bad circuit board, and I have checked it so many times the traces are wearing off just from my glaring at it, I don't know what to do next. What am I missing? It seems like there was some mention about a similar problem some time ago, but alas, those files are gone. IS there a Pixie FAQ page somewhere?

Thanks,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

160M thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 03 Oct 1998 23:38:02 -0700
From: k7sz@epix.net
To: qrp-l@Lehigh.EDU
Subject: [21449] QRP Books Vols-1-3 ALL GONE!!!
Message-ID: <361717CA.2238@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, Gang, that's the last of them. Ed Loranger, WE6W, got the last set of books.

I'd like to say thanks to all who participated and, God willing, I will be on the QRP ARCI Fall QSO Party in a couple of weeks. Hope to work you then.

73 Rich K7SZ

Date: Sat, 3 Oct 1998 12:43:16 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: k7sz@epix.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [21450] Re: Low Power Communications Vols 1 - 3
Message-ID: <Pine.LNX.3.96.981003124224.18427A-1000000@amethyst.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 3 Oct 1998 k7sz@epix.net wrote:

> Due to the fact that two people pulled out at the last moment and a
> printer overrun, I have 5 complete sets of books still available. If
> anyone would like a set of all three volumes (no, I won't split them up)
> e-mail me privately for a special price....NO OVERSEAS OR CANADIAN ORDERS
> due to problems with currency exchange rate and high costs of shipping.

I never even heard of these books before. How much are they? How much would shipping cost from your QTH to Oceansie, CA?

Thanks.

```
=====
KC5TJA/6      |                               -| TEAM DOLPHIN |-
DM13          |                               Samuel A. Falvo II
QRP-L #1447   |                               http://www.dolphin.openprojects.net
Oceanside, CA |.....
```

Date: Sat, 3 Oct 1998 20:57:28 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [21451] October NW QRP Club Meeting
Message-ID: <003e01bdef4b\$1b93d220\$215233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello NW QRPers -

The next NorthWest QRP Club meeting will be held this next Saturday October 10th at 10 Am at Andy's Diner in Seattle. This meeting is rather important, so if you are in the Seattle area, I encourage you to attend.

If you need directions to "find" Andy's Diner, just drop me a note, and I will help you locate Andy's.

Hint: Andy's Diner is located in a series of antique railroad cars - there is nothing else like it in Seattle. "Choo Choo, Choo Choo"

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Sat, 3 Oct 1998 21:19:36 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)

To: qrp-1@Lehigh.EDU
Subject: [21452] FOX
Message-ID: <199810040419.VAA10274@smtp04.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Help, maybe it's my old age showing (was 80 last Fri), but I'm not sure that I completely understand the new Fox Hunt operation....for instance:
What happened to the FOX names/handles in the exchange? Made it more personal and interesting to me. Now we can't tell from the posted info who some of the Fox are
and with all the new calls there's no easy way to find it.
Also, does the 'correct' exchange now 'require' power AND number for QRP-L members?
e.g. 599 AZ 5W 343 ??? Rule 2.51 says call, rst, qth are all that is required for a successful QSO.
Also again, Rule 2.0 says..."Points are awarded as follows:"..... Question? Awarded to just the Fox, or both and are Hounds scores then accumulated, same as the Fox?
Good hunting to all you Hounds and Fox' this season...
73 Floyd NQ7X Phoenix ScQRPion

Date: Sat, 03 Oct 1998 21:26:27 -0700
From: Jay & Jackie <jayboy@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [21453] Re: KEY COMPARISONS
Message-ID: <3.0.1.32.19981003212627.006a84ac@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:15 PM 10/3/98 EDT, you wrote:
>In a message dated 10/3/98 11:00:10 AM US Eastern Standard Time,
>marion@montana.com writes:
>
><< I haven't seen much on how Hams rate their Norcal key kits. >>
>

Hey, love mine too...Camping I set on my leg and using my Sierra just have a ball....Have another one unbuilt that will get the first class treatment as soon as the weather turns bad and work lets up a little. \$35 bucks was a great deal, it was the \$100 Dremmel (sp) that cause the problem!

Jay, W6JDB Madera, Ca

Date: Sun, 4 Oct 1998 00:16:13 -0600 (MDT)
From: marion@montana.com
To: w2gum1@juno.com (Anthony
Cc: qrp-1@Lehigh.EDU
Subject: [21454] KEY CONTACTS
Message-ID: <199810040616.AAA14944@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

J Colaguori)

At 09:56 PM 10/3/98 EDT, you wrote:

>Hi Roy,

>

>Glad to read your comments about your Nor Cal paddle. I like the feel
>of it very much but have been using my Bencher because of the
>intermittant nature of the NC paddle. I would like to learn the
>source of your silver contacts. I have both versions of the NC paddle.
> I have been toying with the idea of tipping the contact screws with a
>little bit of silver solder but will have to get a small soldering torch
>to do the job properly.

>

> Thanks in advance.

VY 73

>Tony, W2GUM.

>

When I posted to the list that I needed a contact source, a fellow ham who I can't remember sent me a e-mail to send him a SASE with 1.00 for each set of 4 contacts. They are like they are made for it. Copper base with a short shaft that fits in the holes. Thick silver plate heads. I was able to insert a soldering iron tip in the opposite hole and heat until solder flowed on the contact side then insert the contact and let cool.

This eliminates the out side screws completely. Much cleaner/nicer looking key. "feel" is more solid. Completely eliminated intermittent problems. Have never even cleaned contacts.

The gentleman ham who provided the contacts was prompt. I apologize for not remembering his name/call. But although I am "memory challenged", I do remember he is a nice guy. I will post this to list and maybe he will get in contact with you. 72/73 Roy AB7CE

Date: Sat, 03 Oct 1998 22:33:02 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: flydnq7x@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [21455] Re: FOX
Message-ID: <3616A61E.2D6F9995@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have to agree with Floyd here. The "old" exchange was RST, QTH, Name,
QRP-L # or Power. One contact was one point.

Pse don't turn this into a contest.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #6 - Mesa, AZ

Date: Sat, 3 Oct 1998 23:36:49 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [21456] Re: FOX
Message-ID: <1.5.4.16.19981003232704.14dfa362@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang!

So do I! It had a more personal touch using your name.
Is it too late for a minor change?

72 de Niels
VE6NJK/TF3NJ

>I have to agree with Floyd here. The "old" exchange was RST, QTH, Name,
>QRP-L # or Power. One contact was one point.

>

>Pse don't turn this into a contest.

>--

>72/73, de Roger, N7KT - QRP-L #62 - Zombie #6 - Mesa, AZ

>

>

Date: Sat, 3 Oct 1998 23:38:06 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@lehigh.edu
Subject: [21457] ATLAS 210x noise blanker!
Message-ID: <1.5.4.16.19981003232820.14dfdec4@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang!

Does anyone have a schematic for the old ATLAS 210x noise blanker. A fellow QRP-er (VE6AQW) has a 10 out of 10 ATLAS 210x and needs a noise blanker for it and wants to build it him self (he is one of those guys that can build anything). Will pay for photocopy and mailing costs.

72 de Niels
VE6NJK/TF3NJ

PS: Looks like I didn't make it on a team for the Fox Hunt so I will run solo this year.

PS: PS: Still looking for a Gem Quad antenna.

Date: Sun, 4 Oct 1998 01:12:29 -0700
From: "Michael Connor" <mikec@primenet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [21458] Re: FOX
Message-ID: <001a01bdef6e\$bae2aae0\$030000004@nathan.phx.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I have to agree with Floyd here. The "old" exchange was RST, QTH, Name,
>QRP-L # or Power. One contact was one point.

>
>Pse don't turn this into a contest.
>--
>72/73, de Roger, N7KT - QRP-L #62 - Zombie #6 - Mesa, AZ

Ditto.

Mike
N07K

Date: Sun, 04 Oct 1998 02:19:49 -0600
From: Niel Skousen <skousen@srv.net>
To: qrp-l@Lehigh.EDU
Subject: [21459] FS: FT-757
Message-ID: <Version.32.19981004021158.00e2dac0@eaglerock.if.sciencetech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I still have a Yaesu FT757GxII for sale. Am looking to get \$500 out of the radio, but am open to offers. Also have the matching lo-profile high efficiency power supply (\$65)..

Inquiries to skousen@srv.net, am on travel so response may be a couple days...

TNX Niel

PS: also have an ARNAV R-50i panel mount loran nav system w/ airport database if anyone is looking for one of these cheap...

Date: Sun, 4 Oct 1998 07:16:02 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Floyd Smithberg <flydnq7x@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21460] FOX: You got questions? I got answers.
Message-ID: <Pine.OSF.3.95.981004062307.11942B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 3 Oct 1998, Floyd Smithberg wrote:

> What happened to the FOX names/handles in the exchange? Made it more
> personal and interesting to me. Now we can't tell from the posted info who
> some of the Fox are and with all the new calls there's no easy way to find it.

>From the rules...

2.52 Any other information exchanged (names, rigs, etc.) is
at the operator's discretion but is superfluous.

2.521 Operators are welcome to include that detail in the posted
report but the FOX LOG must be posted as detailed in rule 3.2.

>From the heart...

Mea Culpa. I should have included names but didn't. You WILL know the
name of the fox beforehand because the foxii will post a message prior to
their operation with all the details. If you are really driven, the FCC
database or <<http://www.qrz.com>> also has up-to-date names and calls.
As for being more personal... the original foxhunts were actually a full
QSO! Can you believe that? We would talk for several minutes instead of
several seconds! Those were the days... the first year, I made 8
QSOs on THANKSGIVING morning (Chuck allowed that one-time event!) over two
hours of operation and thought I did SPLENDID! <sigh>

> Also, does the 'correct' exchange now 'require' power AND number for QRP-L
> members? e.g. 599 AZ 5W 343 ??? Rule 2.51 says call, rst, qth are all that is
> required for a successful QSO.

>From the rules...

2.51 A successful QSO MUST exchange as a minimum Callsigns, RST
reports, and QTH.

>From the heart...

If a QRO station stumbles across the foxhunt, they probably will ONLY
include their CALL, RST, and QTH. This rule lets the fox get one quick
point without begging the QRO station to say how much power they are
running. You smart hounds already KNOW you what to include your QRP-L
number to get FULL THREE POINT credit.

> Also again, Rule 2.0 says..."Points are awarded as follows:"..... Question?
> Awarded to just the Fox, or both and are Hounds scores then accumulated,
> same as the Fox?

>From the rules

2.0 SCORING SYSTEM - Points are awarded as follows:

SCORE

- 2.1 QRO Station works fox and receives 0 points
- 2.2 Fox works QRO station (no pwr rcvd) 1 point
- 2.3 If two-way QRP (Hound reports <= 5W) 2 points
If two-way QRP-L number is exchanged 3 points

>From the heart

This IS a QRP event so you must be QRP to get ANY points. The FOX will always get a point for ANY QSO. Rule 2.3 should more clearly state BOTH stations receive the same number of points for TWO-WAY QRP contacts. BOTH Fox and Hound scores are accumulated over the course of the 22 weeks.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 4 Oct 1998 07:33:14 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [21461] Fox: Contest? =OR= A rose by any other name?
Message-ID: <Pine.OSF.3.95.981004072059.14992A-1000000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I will not be accused of turning the foxhunt into a contest. Chuck and I never ever use the word CONTEST in describing the foxhunt. It's an operating event and it's really WHATEVER you good people do with it.

I'm just here to keep "scores" and make sure we all play with the same set of guidelines.

Please read RULE NUMBER 1.0 - Repeat several times.

Then... consider the objective is to ENCOURAGE QRP operation (hence the incentive for 2 points) and QRP-L (hence an incentive for 3 points)!

That's all there is to it, really. Pay no attention to the black helicopters circling your QTH.

<Homer Simpson voice> HMMMMmmmmMMMMMM... Have Fun... D0000oooooNuts...

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 4 Oct 1998 08:40:57 -0300
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
To: <qrp-1@lehigh.edu>
Subject: [21462] RE: PIXIE II problems
Message-ID: <01bdef8b\$da43a200\$07199e03@inforhc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

PIXIE II when built in a very small printed circuit board may prove to be unstable, both RF and audio, but especially the audio !

So... spend some time re-designing the pc board amigo !

Basic rules apply :

1. input and output leads far away from each other
2. avoid ground loops
3. lots of area for ground plane

My UGLY Pixies work beautifully , but a well designed pc board model works quite well too...

One final comment... tested the VFPIXIE with a very simple VFO with good results.. it is certainly needed here were crystals for the right frequencies on the ham CW bands are very hard to find...

VFPIXIE uses a few more parts, but makes the rig quite reproduceable under these circumstances... all it takes is two more NPN transistors and a few resistors and capacitors !

Arnie Coro

Host of Dxers Unlimited

Radio Habana Cuba

PO Box 6240 Habana Cuba
e-mail: arnie@radiohc.org
e-mail inforhc@mail.infocom.etecsa.cu
Phone: 53 -7 - 814243

Date: Sun, 4 Oct 1998 09:10:55 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <grp-l@lehigh.edu>
Subject: [21463] EEPOTs (Digital Potentiometers)
Message-ID: <000001bdef98\$6c1317e0\$a8751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got the email machine back running ... missed lots of stuff, but I'm
baaaaaaack!

I have acquired a handful of Xicor digital eepots. They seem great, but I
can't for the life of me find the data requirement to set the blasted
things. There is a pinout on xicor's web site (<http://www.xicor.com> - so sub
url as they use frames ...)

They have application notes on variable op-amps, etc. which seem like good
amateur applications. These little jewels look like the hackers dream for
digital control of analog circuits.

Anyone out there made a go of these things? Anyone out there better at
gleaning information from PDF's out there than me??

I've found a source of these things for about \$5.50 in quantities of 97
(nice and even, huh?) if I want to try to distribute them. Nice idea for a
group buy ...

Comments? Code?
Tracy N4LGH
QRP-L #1453

Date: Sun, 04 Oct 1998 06:30:05 -0700
From: "Roy Lincoln" <wa4dou@mailexcite.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>, slee@u.washington.edu
Subject: [21464] Re: Radio Shack DX394 For Sale
Message-ID: <DGJPDJLMHKMJAAAA@mailexcite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Like some of you, i've had my eye on the "cute" little DX-394 since it came out ,and often wondered how well it might work for amateur radio applications. At the closeout price of \$160, i succumbed to the temptation of purchasing one, 10 days ago.

As a SWL radio and general coverage receiver, it is probably fine. As a cw operator, i find the bandwidth and IMD characteristics unsuitable for my purposes as a hamband receiver.

So, mine is for sale, \$160 ,prepaid shipping in CONUS.

Thanks and 73 Roy Lincoln WA4DOU

Free web-based email, Forever, From anywhere!
<http://www.mailexcite.com>

Date: Sun, 04 Oct 1998 06:45:05 -0700
From: Jay & Jackie <jayboy@psnw.com>
To: qrp-1@Lehigh.EDU
Subject: [21465] Re: KEY CONTACTS
Message-ID: <3.0.1.32.19981004064505.006a9964@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

..... Completely eliminated intermittent problems. Have
>never even cleaned contacts.
>The gentleman ham who provided the contacts was prompt. I apologize for not
>remembering his name/call. But although I am "memory challenged", I do
>remember he is a nice guy. I will post this to list and maybe he will get in
>contact with you. 72/73 Roy AB7CE
>
>
>Roy...What a great idea. Love my paddle, I sure hope your friend becomes
known to us...I could use two sets.

Jay, W6JDB Madera, Ca

Date: Sun, 04 Oct 1998 07:18:17 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: prvalko@oakland.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21466] Re: FOX: You got questions? I got answers.
Message-ID: <361783A9.1AB1E74F@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul R. Valko wrote:

>

> 2.51 A successful QSO MUST exchange as a minimum Callsigns, RST
> reports, and QTH.

Please give a sample exchange. The order is important, because when you are using ESP to copy it helps to know what to expect! For example, should I send

559 CA VIC NR725 5W ?

Maybe 559 CA VIC 5W NR725 would be better, since the 'W' would make it less likely for the fox to tack the 5 onto my number?

I think everyone is going to be surprised by the number of participants this year, and we need to keep the QSO's short and the repeats few if we want to give everyone a chance.

Vic, K2VCO

Date: Sun, 4 Oct 1998 11:11:40 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [21467] Re: FOX: You got questions? I got answers.
Message-ID: <Pine.OSF.3.95.981004105810.19785A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 4 Oct 1998, Vic Rosenthal wrote:

> Paul R. Valko wrote:

> >

>

> > 2.51 A successful QSO MUST exchange as a minimum Callsigns, RST

> > reports, and QTH.

>

> Please give a sample exchange. The order is important, because when you are

> using ESP to copy it helps to know what to expect! For example, should I send

Sure:

THESE ARE SUGGESTIONS!!! There is no set EXCHANGE!!!

Fox COULD send: W8KC de K5F0 tks ur 579 az 1w nr 1

Now... a passing QRO station will freak out over the "NR 1" and *think* they have to give an exchange number ala a "QSO Party." If you FOX receive an "NR 1" and it's NOT K5F0, ignore it, he's NOT QRP and he's NOT Chuck :-)

The Hound would then send...

Minimum exchange: W*FOX de W8KC ur 559 mi bk

2 point 2x qrp : W*FOX de W8KC ur 559 mi 2W bk

3 point 2x qrp : W*FOX de W8KC ur 559 mi 2w nr59 bk

Your exchange may vary... you may include ur name, rig etc... BUT be warned there will be a LOT of people trying to get the fox and long winded exchanges are probably not as appreciated as in the good ol' days.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 4 Oct 1998 12:12:19 -0400

From: "George Heron" <gheron@idt.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [21468] re: More on PICs

Message-ID: <006101bdefb2\$2896f1c0\$953984a9@herong.dialogic.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There has been some interesting dialog on our njqrp mail list, based on my recent posting about PICs, DDS VFOs and such. Though folks here on qrp-l would also be interested.

72,
--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ

=====
Hi Bob -

Glad you liked my posting on the PIC VFO project. It's indeed lots of fun playing with these PIC controllers ... we're going to see lots more about use of them in coming months from each of the major QRP publications (QRP Quarterly, QRPP, SPRAT). If you don't subscribe to these, you'll be missing out on a whole bunch of good material like you're looking for. Additionally, each one has a "back issues" compilation so you can order all previous years' issues at an attractive price. I have them all and it's worth every cent in valuable information. Let me know if you need subscription information on any of these ... if one doesn't get these rags, their missing a *major* portion of our QRP hobby.

The website you mentioned in your reply below (<http://www.itutech.com/picdevtools.htm>) is a SUPERB one for beginning PIC designers and programmers to look at. Besides the astoundingly inexpensive programmer you use (\$39 for the kit), there are a couple of PIC reference books offered that I also heartily recommend. Especially the Easy PIC'n book for those starting out. It's essential.

And if you use the PIC Web Ring link at the bottom of their page, you'll see that there's a phenomenal amount of PIC information out there, including many schematics, app notes and various projects. The Microchip website themselves (<http://www.microchip.com>) as suppliers of the PIC devices provides a very valuable source of info, including downloadable manuals for all their devices. One could spend hours browsing PIC sites on that web ring service!

For more specific ham radio applications with the PIC (and other processors), I'll have to finish my scouting around. I'm compiling such a list for one of our QRP journals and I'll be glad to share it when complete. (Consists of a bunch of personal sites and projects from various hams around the world.) But again, searching through back issues of QST and QEX should

surface some PIC projects there. And the source for these is usually supplied on the ARRL FTP site quoted in the articles. For example, a couple of months ago in QST there was a PIC-based Network Analyzer by Steve Hagman ... you can see that info in the ARRL FTP site, as well as in Steve's own website (<http://www.sonic.net/~shageman/>)

Yet another great source of PIC-based projects and programming has been the CC INK magazine (Circuit Cellar INK) ... not sure if it's still around, but it's a great hobbyists/hackers magazine that I used to get for years and years. All source code is supplied there, as well as on their website (<http://www.circellar.com/>)

I should remind you (and all other NJQRP members) that our very own MicroBeacon "memory keyer and attenuator" project is just about completed and nearly ready for club ordering. We had two installments of this project in recent issues of QRPp and the final one will come out in their Winter issue in 2-3 months. This keyer project happens to use a different microcontroller (Motorola 68HC705B6) but can (and will likely) be ported over to a PIC as well, maybe even before completed. Source code is most definitely provided and is on our website (<http://www.njqrp.org>) under this project, along with the previous articles written on it.

You mentioned DSP also in your note ... there's not as much much around yet on DSP projects ... this is a more complex type of processor to program and deal with. But there are a couple of notable ones: Rick Frohne wrote a great DSP project article in QST back in May of this year (I think) wherein he describes how to do the quadrature audio processing for the R2 phasing receiver, instead of using discrete analog components. The source code is supplied there too (on the ARRL FTP site). This is a wonderful project that produces astounding audio results, using a "standard" DSP56K evaluation board from Motorola for only about \$100. I've built this board (and Rick's software) into an R2/T2 transceiver and added some additional software to allow it to do Coherent CW (CCW) ... this will be the subject of a project coming along in several months.

There's also been a recent series of articles in QEX on the use of DSP processing in ham radio transceivers ... great technical material, if you subscribe to QEX (another "essential" that doesn't cost too much on top your QST subscription). And there are some notable personal websites (e.g., Leon Heller's website <http://www.lfheller.demon.co.uk> has all sorts of real neat stuff).

Well, I could go on for hours (as you can probably tell :-), but I hope this gives you a few more reference pointers for your own digging around Bob!

72/73,
--George , N2APB

>Thanks for the info, George.
>
>I just started getting into thes neat little thingys in the last couple of
>weeks. You can get a programmer board kit from ITU
><http://www.itutech.com/picdevtools.htm> for \$39.00. It'll program
>PIC12C50x/67x, PIC16C55x/6x/7x/8x/9x and PIC16F8x devices. It took me
about
>45 minutes to build & test it.
>
>I'm totally new to this kind of stuff, but would like to find info on a
>keyer, DSP and other ham related projects. The VFO looks great, too. Can
>you or anyone here point me to sources for schematics and source code
files?
>
>I'm not a programmer or anything. Just a hobbyist woo's probably in way
>over my head! Then again, if it's too easy, it gets boring real quick.
>
>Take care,
>
>Bob/KB2SGM

Date: Sun, 4 Oct 1998 11:23:12 -0600 (MDT)
From: marion@montana.com
To: qrp-1@Lehigh.EDU
Subject: [21469] Re: KEY CONTACTS
Message-ID: <199810041723.LAA03182@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

They are like they are made for it. Copper base with
>a short shaft that fits in the holes. Thick silver plate heads. I was able
>to insert a soldering iron tip in the opposite hole and heat until solder
>flowed on the contact side then insert the contact and let cool.
>This eliminates the out side screws completely. Much cleaner/nicer looking
>key. "feel" is more solid. Completely eliminated intermittent problems. Have
>never even cleaned contacts.
>The gentleman ham who provided the contacts was prompt. I apologize for not
>remembering his name/call. But although I am "memory challenged", I do
>remember he is a nice guy. I will post this to list and maybe he will get in
>contact with you. 72/73 Roy AB7CE
>
>

I forgot to mention that I used the brass nut behind the contact on the

paddle arms for spacing. It just solders together with the contact. Fine adjust is provided by the center block screws.

Date: Sun, 4 Oct 1998 10:49:58 -0600
From: Denton Bramwell W7DB <Denton@Bramwell.Org>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [21470] RE: KEY CONTACTS
Message-ID: <5103124387F8D11199DD00A0C925E4B916A8@SQLMAILSERVER>
MIME-Version: 1.0
Content-Type: text/plain

I have a supply of hardware for rotary switches. One of the items is small, silver plated rivets. These may be soldered in place of other key contacts. However, you must be VERY sure that you don't get solder on the contact surface.

If you don't overwhelm me, I'll send a set of 4 to anyone who provides an SASE.

Denton Bramwell, W7DB
2853 E. Country Oaks Dr.
Layton, UT 84040

-----Original Message-----
From: marion@montana.com [mailto:marion@montana.com]
Sent: Saturday, October 03, 1998 11:16 PM
To: Low Power Amateur Radio Discussion
Subject: KEY CONTACTS

At 09:56 PM 10/3/98 EDT, you wrote:

>Hi Roy,

>

>Glad to read your comments about your Nor Cal paddle. I like the feel

>of it very much but have been using my Bencher because of the
>intermittant nature of the NC paddle. I would like to learn the
>source of your silver contacts. I have both versions of the NC
paddle.

> I have been toying with the idea of tipping the contact screws with a
>little bit of silver solder but will have to get a small soldering
torch

>to do the job properly.

>

> Thanks in advance. VY 73
> Tony, W2GUM.
>

When I posted to the list that I needed a contact source, a fellow ham who I can't remember sent me a e-mail to send him a SASE with 1.00 for each set of 4 contacts. They are like they are made for it. Copper base with a short shaft that fits in the holes. Thick silver plate heads. I was able to insert a soldering iron tip in the opposite hole and heat until solder flowed on the contact side then insert the contact and let cool. This eliminates the out side screws completely. Much cleaner/nicer looking key. "feel" is more solid. Completely eliminated intermittent problems. Have never even cleaned contacts. The gentleman ham who provided the contacts was prompt. I apologize for not remembering his name/call. But although I am "memory challenged", I do remember he is a nice guy. I will post this to list and maybe he will get in contact with you. 72/73 Roy AB7CE

Date: Sun, 4 Oct 1998 12:49:57 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21471] Logic 5 QRP ARCI Contest Form?
Message-ID: <009f01bdefb7\$058fb680\$a37f5acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone already set up a ARCI QRP (for the big Spring and Fall 'Tests) contest form for LOGIC (5)? If so, I would like a copy of it if possible.
Thanks
Tim
NZ8J

Date: Sun, 4 Oct 1998 10:00:25 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: "Paul R. Valko" <prvalko@oakland.edu>, qrp-1@Lehigh.EDU
Subject: [21472] Re: FOX:
Message-ID: <199810041700.KAA24420@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Mea Culpa. I should have included names but didn't. You WILL know the
>name of the fox beforehand because the foxii will post a message prior to
>their operation with all the details. If you are really driven, the FCC
>database or <<http://www.qrz.com>> also has up-to-date names and calls.

If you have the names and could easily post them, it would be appreciated by
those
of us who include them in an advance appointments sked.

> Rule 2.3 should more clearly state BOTH
>stations receive the same number of points for TWO-WAY QRP contacts.
>BOTH Fox and Hound scores are accumulated over the course of the 22 weeks.
>
Tnx for the clarifications....
73 Floyd NQ7X Phoenix ScQRPion

Date: Sun, 4 Oct 1998 14:38:30 EDT
From: MJC191@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21473] TenTec Century 21 hum
Message-ID: <de73cc84.3617c0a6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Folks,

I picked up an old TT Century 21 last week. When you first turn it on, it has
a nasty hum (not quite 60 cycle noise, but close). The hum sounds worse in
the 1 kHz or .5 kHz selectivity positions. The received audio even in the 2.5
kHz position is raspy and distorted, as is the sidetone on key-down.
Gradually, as the set "warms up" (hmm ...a solid state rig that has to warm up

!?!?) the problems go away and the set functions 100% normally.

Anybody on the list have a clue as to what is going on here, and how I might fix it?

Thanks!

Mike NA1XX // Weymouth MA

QRP-L # 1588

"When all else fails ... CW."

Date: Sun, 04 Oct 1998 14:27:14 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@lehigh.edu
Subject: [21474] Re: FOX
Message-ID: <199810041928.0AA25028@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:33 PM 10/3/98 +0000, you wrote:

>I have to agree with Floyd here. The "old" exchange was RST, QTH, Name,
>QRP-L # or Power. One contact was one point.

>

>Pse don't turn this into a contest.

>--

>72/73, de Roger, N7KT - QRP-L #62 - Zombie #6 - Mesa, AZ

I agree also!!

73,

KB0PTE

Wayne

FISTS # 4907

QRP-L # 1058

Date: Sun, 04 Oct 1998 19:31:46 GMT
From: nhooop@centuryinter.net (N H)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21475] Re: Home Brew Keys,
Message-ID: <361ecc1a.26073962@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

A thought: how about a blob of silver solder? Or, easier yet, ordinary solder? It doesn't corrode much and would be easily renewable for those heavy-handed types.

72 KM5QU nat
Oxford, Arkansas
USA

>Hope he used some kind of wire to make contact with the key contacts.
>73
>Dick, WB8MHE

Date: Sun, 4 Oct 1998 15:49:11 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Floyd Smithberg <flydnq7x@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [21476] Re: FOX:
Message-ID: <Pine.OSF.3.95.981004154742.31427B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 4 Oct 1998, Floyd Smithberg wrote:

> >their operation with all the details. If you are really driven, the FCC
> >database or <<http://www.qrz.com>> also has up-to-date names and calls.
>
> If you have the names and could easily post them, it would be appreciated by
> those of us who include them in an advance appointments sked.

Anyone got time to do this for Floyd and the gang?

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 4 Oct 1998 14:11:31 -0500
From: n5inz@juno.com (John M Andrews)
To: qrp-1@Lehigh.EDU
Subject: [21477] INFO please: FT-301D
Message-ID: <19981004.144849.3382.1.N5INZ@juno.com>

Howdy:

Picked up an FT-301D at the Belton, Tx. Expo and need a bit of info.

1. Just jumper the BNC's and remove the amp for QRP operation?
2. Any tips, suggestions, mods?

72, John- N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 4 Oct 1998 14:25:40 -0500
From: n5inz@juno.com (John M Andrews)
To: qrp-1@Lehigh.EDU
Subject: [21478] non-qrp\Toshiba T-1200
Message-ID: <19981004.144849.3382.2.N5INZ@juno.com>

Howdy:

Looks like I'll try packet. Picked up a 1200 at Belton.

Anyone know where I can pick up a manual? Ni-Cad pack?

Nice DOS machine and came with com software and WP51.

Any help would be appreciated and repaid.

Thanks, John-N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 4 Oct 1998 14:48:49 -0500
From: n5inz@juno.com (John M Andrews)
To: QRP-1@Lehigh.EDU
Subject: [21479] Ergonomic tip-
Message-ID: <19981004.144849.3382.3.N5INZ@juno.com>

I think I found a neat idea to make some gear easier to see
and bored every QRPer at Belton with the idea.

Your turn.

Most monitors come with a custom tilt-stand that locks to the
bottom of the monitor. I found a generic type by Tandy that
has a flat surface with a sponge-rubber surface about the
size of a mouse pad(and the same texture as the rubber side).

Placing a piece of gear on this type stand allows it to come
right to eye level even on a shelf above head level.

I tried it with several pieces of gear(even a small scope).
Works great.

72, John- N5INZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 4 Oct 1998 14:00:16 -0600
From: Denton Bramwell W7DB <Denton@Bramwell.Org>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [21480] RE: Home Brew Keys,
Message-ID: <5103124387F8D11199DD00A0C925E4B916AB@SQLMAILSERVER>
MIME-Version: 1.0
Content-Type: text/plain

Solder works fine for a few days. After that, the tin and lead separate slightly at the surface, and a non-conductive film forms (think it's lead, but don't remember for sure). The conductive blob on the bottom of many flashlight bulbs is solder, hence the familiar phenomenon of having to "jiggle" a flashlight to get it to work after it has been unused for a while.

-----Original Message-----

From: nhoop@centuryinter.net [mailto:nhoop@centuryinter.net]
Sent: Sunday, October 04, 1998 12:32 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Home Brew Keys,

A thought: how about a blob of silver solder? Or, easier yet, ordinary solder? It doesn't corrode much and would be easily renewable for those heavy-handed types.

72 KM5QU nat
Oxford, Arkansas
USA

>Hope he used some kind of wire to make contact with the key contacts.
>73
>Dick, WB8MHE

Date: Sun, 4 Oct 1998 17:14:45 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21481] Parks Near Wooster, Ohio to Operate ARCI Contest From?
Message-ID: <19981004211658.AAA19757@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The ARCI Fall QSO Party is the weekend of Oct 17. Unfortunately, my wife and I will be in Wooster, Ohio visiting with a ham friend (Rick) from

Illinois and his wife. (Why Wooster, Ohio you ask? It's the half way point and close to Amish country) After an afternoon of shopping our wives will most likely take naps. That leaves Rick and I with at least a couple of hours to play radio. Does anyone from the area know of a place where we could get away with setting up a portable station for an hour or two?

I plan on packing an assortment of dipoles as well as a box of #12 wire in case we need to make an inverted L or a random wire antenna. I figure we should be able to get something in the air. Rigs will probably be an Argosy II, an Argonaut 509, or both powered by a deep cycle battery. Please send your suggestions direct.

Thanks,
Brian KF2HC
<brimail@home.com>

Date: Sun, 04 Oct 1998 16:23:42 -0500
From: Kelly Ellison {WB0WQS} <kelman@dialnet.net>
To: qrp-l@Lehigh.EDU
Subject: [21482] Help working the EZ Sats (Low orbit birds)
Message-ID: <3617E75E.24C0AEE6@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

I have a got a couple questions about the Low Orbit Satellites if some one who has been working them recently would contact me direct. Thank you very much.

Kelly Ellison
WB0WQS
kelman@dialnet.net

Date: Sun, 04 Oct 1998 16:28:10 -0500
From: "James A. Carmody" <carmodyjim@earthlink.net>
To: qrp-l qrp-l <qrp-l@Lehigh.EDU>, tdxs-list <tdxs-list@n5uh.tech.uh.edu>
Subject: [21483] Hotel ants help
Message-ID: <3617E869.A41EB8A0@earthlink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have heard of dual ham sticks being used as a dipole and it sounds very simple. However, I wonder where to find the hardware for the center conductor. Are these things all homebrew? Help will be appreciated and (perhaps) rewarded with a qrp hotel qso from DL or HB9 soon!

Jim/nn5o

Date: Sun, 4 Oct 1998 16:35:51 -0600 (MDT)
From: marion@montana.com
To: qrp-l@lehigh.edu
Subject: [21484] fox TEAMS
Message-ID: <199810042235.QAA09279@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just how do the fox teams operate? Roy AB7CE

Date: Sun, 4 Oct 1998 15:09:03 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@lehigh.edu
Subject: [21485] FOX Names
Message-ID: <199810042209.PAA20865@smtp04.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here are the names & QTH of the Foxii for 98-99 season:

AB5UA	CLIF	OK
WA8GHZ	JACK	TX
KV2X	TOM	NY
N2TO	KEVIN	NY
K1MG	MIKE	CA
AB0GO	DAVE	CO
W5TFB	JACK	TX
NOUR	JIM	MN

N7CQR DAN OR
K5ZTY BILL TX
WQ8RP LARRY? MI
VE7DXJ CHUN BC
K0EVZ DOC MN
N2SMH DAVE NJ
W8RU RON MI
K8CV WALT MI
KU7Y RON NV
N1FN MARSHALL CO
KB7MBI ALAN WA
WS4S CONARD TN
VE7CQK PAUL BC

Hope I didn't miss anyone 8-(

Note: In fox sked Doc K0EVZ was listed as ND. I believe he was in MN last I heard. Also the name Larry for WQ8RP was taken from my TRmaster data base and may not be correct...also noted Hank Kohl K8DD was on the e-mail list but not as a Fox...could he be WQ8RP?

Hope someone finds this useful besides me.

GL all.....

73 Floyd NQ7X Phoenix ScQRPion

Date: Sun, 04 Oct 1998 18:13:35 EDT
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [21486] Pixie audio question results
Message-ID: <19981004.142725.9935.5.ka7you@juno.com>

Of the many responses received, there are three main items suggested.

Low current capacity of the battery

Low headphone impedance

Poor circuit board layout

Of those three, the only one which has not been proven on my unit, is the circuit board layout. The circuit board was done by me along with several others. All the others which were completed, work OK. So I guess either I have a bad board, or some other problem.

I think the next step is to build another audio circuit, on another piece of board, and try it.

Thanks for all the wonderful responses.

Asking a question on this list is like having an Elmer Genie in every parts drawer. They are just dying to be released, so they can help.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

160M thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 and others

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End of QRP-L Digest 1234

